

# RYAN CROWLEY

## FULL-STACK SOFTWARE DEVELOPER

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### Profile

I'm a software developer building full-stack applications with React, JavaScript, Python, Django, and SQLite in an Agile environment. I started coding in a coffee shop in April of 2018, and I instantly fell in love with the puzzle-solving logic and the expressive creativity that coding provides. After roughly 500 days of coding solo I decided to formalize my education at Nashville Software School. I'm excited to be in a career that allows me to help people solve problems, collaborate on solutions, and where I'll always be learning something new.

### Projects

#### Streamline - React

I love to watch movies. There are so many streaming sites to watch movies on, and it can be difficult to keep track of which movies are available on which sites. I built Streamline to solve this problem.

- Single-page web application that allows users to search for movies, add them to custom watchlists, and track where each movie is available to stream or otherwise view
- React.js to render reusable components
- Leverages The Movie Database API to allow users to search for movies
- JSON server for user specific persistent storage, React Bootstrap for styling

[github.com/RyanCrowleyCode/Streamline](https://github.com/RyanCrowleyCode/Streamline)

#### Application Station - React / Django

The job search process can be intimidating, and when I began my own job search to after school, I needed a way to track which jobs I had applied for, when I was interviewing with who, and to practice answering and asking interview questions. Application Station to the rescue!

- Single-page web application that allows users to save job applications, add events for each application, and practice answering and asking interview questions.
- Full-Stack application with React front-end and Django REST API back-end
- SQLite3 database

[github.com/RyanCrowleyCode/ApplicationStation](https://github.com/RyanCrowleyCode/ApplicationStation)

### Technical Skills

- HTML, CSS, Flexbox, and Bootstrap
- JavaScript and React
- Git and Github
- Python and Django
- Django REST
- SQL (SQLite3)
- JSON Server

### Professional Experience

#### TELETRACKING

##### Software Engineer 1 | April 2020 - Present

- Assist in the Writing, debugging, unit testing, and performance test code in all applications layers, including front end (Web), middle layer (Web Services), and data access layer.
- As an agile team member, participate in code reviews, design reviews, etc.
- Develop and maintain strong knowledge of implemented requirements and detailed application behaviors.

#### NASHVILLE SOFTWARE SCHOOL

##### Full-Stack Software Developer | September 2019 - March 2020

*Intensive full-time 6 month software development bootcamp focused on the skills and technologies required to work as a full-stack software developer.*

- Version control with Git/Github. Project Management with Github Projects and Agile methodology through daily stand-ups, ticket management, and post-sprint retrospectives
- Full-Stack browser-based single-page applications using React, Javascript, HTML, CSS, Bootstrap, Python, Django, and SQL

#### GROUP PROJECTS

##### Bangazon E-Commerce Full-Stack Application

- Created a full-stack e-commerce application with a group of 4 others
- Tools used: : Python for models and unit tests, Django ORM to interact with the database, SQLite3 database for persistent storage, React for the front-end user
- Individually responsible for creating the Orders view in Django, writing a custom action for the Products view, creating the database fixtures, writing the automated tests for the Products in Python, and creating reusable components in React to display data to the user

##### Nutshell

- Created a dashboard social media app with a group that allows users to add tasks, articles, events, message other users, and add friends
- Tools used: CSS and Bootstrap for styling, JavaScript for fetch calls and helper functions, React for reusable components, JSON Server user specific persistent storage.
- Individually responsible for the events section, which implemented CRUD functionality for users to create, edit, and delete events and display their events on the DOM chronologically

##### Bangazon Workforce Management System

- Created a web application for a fictional HR company that allows a user to manage employees, departments, training programs, and company computers
- Tools used: Python for Models, Django for Views and Templates, Git and Github for version Control, SQLite3 for data queries and persistent storage, and CSS for styling
- Individually responsible for creating the computers views and templates. Users can add new computers and view the details of each computer, and if a computer has never been assigned to an employee, a user can delete the computer

## Professional Experience (continued...)

### GEODIS

#### *Global 3PL Logistics Company*

##### SR Transportation Planner | July 2017 - September 2019

- Initiated and implemented proposals for process improvements, collaborating with multiple departments, and resulting in 8 hours of saved labor per week
- Planned the freight transportation for a high-volume customer
- Assisted customer on-boarding, established planning processes, and wrote process SOPs
- Trained a team of 3 planners to carry out day-to-day planning duties
- Extensive travel and time spent directly with the customer
- Promoted from Transportation Planner to SR Transportation Planner after 1y 10m

##### Freight Pay Analyst | November 2016 - July 2017

- Audited invoices from carriers on behalf of our customers to ensure accurate billing for transportation costs
- Recognized patterns and opportunities for process improvements
- Initiated cross-department cooperation to keep accounts in a maintainable current state

##### SR Transportation Coordinator | March 2015 - November 2016

- Reported on tracking and tracing of freight for customers
- Acted as a resource for coordinators within the department
- Took the lead on planning duties for a small-volume account
- Helped outline and implement an optional 4-day/10-hour work schedule for the department with the help of 3 other teammates
- Participated in customer calls and improved on-time performance for customers
- Promoted from Transportation Coordinator to SR Transportation Coordinator after 8m

### SOUTHEASTERN FREIGHT LINES

#### *Regional US LTL Carrier*

##### Linehaul Dispatcher | September 2019 - December 2019, November 2013 - March 2015

- Facilitated the dispatching of over-the-road drivers within a small window of time to make nightly deadlines
- Gathered data and performed analysis on process and provided recommendations for process improvements to the Service Center Manager

##### Freight Handler | September 2019 - December 2019, February 2013 - March 2015, May 2005 - June 2011

- Loaded and unloaded freight in a timely manner using a forklift, pallet jack, and other tools
- Focused on moving freight damage free and loading trailers high-and-tight to improve load average metrics

### MACAUTHORITY

#### *Authorized Apple Retail and Repair*

##### Service Technician | September 2011 - February 2013

- Diagnosed and repaired hardware issues on Apple computers
- Worked at the service counter to troubleshoot issues with customers
- Occasionally worked with customers on the sales floor to make recommendations on new products that fit their specific needs

### MUSICIAN

#### *Freelance, Live and Studio | 2007 - Present*

##### Wood and Steel | September 2016 - March 2018

- Singer and Guitar Player for the cover band Wood and Steel

##### Royal Wade Kimes | November 2006 - August 2017

- Musician for country artist Royal Wade Kimes
- Played electric and acoustic guitar, baritone guitar, and sang harmony

##### Eventide Drive | August 2010 - July 2013

- Singer and Guitar Player for the cover band Eventide Drive

##### Fighting Likeness | August 2007 - July 2009

- Singer, Guitar Player, and Songwriter for the band Fighting Likeness

## Education

### NASHVILLE SOFTWARE SCHOOL

Full-Time, Full-Stack Software Development Bootcamp | March 2020

### MIDDLE TENNESSEE STATE UNIVERSITY

B.S., Music Business | 2010